OIPE	1208		s.		
AUG 187	006	S	···.	<u> </u>	•
& THE BEN	DECLA	RATION	AND POWER OF	Attorney Docket Nun	nber 51876P455
A	TTORNEY		TENT APPLICATION	First Named Inventor	Sung-Ik PARK
		(37 CF	FR 1.63)		COMPLETE IF KNOWN
				Application Number	10/750,029
	Declaration Submitted		Declaration Submitted after Initial	Filing Date	December 30, 2003
	with Initial Filing	OR	Filing (surcharge (37 CFR 1.16(e))	Art Unit	
	riiiig		required)	Evaminer Name	

#### As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below, next to my name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

	NG APPARATUS AND METHOD FOR TERRESTRIAL DIGITAL ELEVISION BROADCASTING SERVICE
the specification of which	(Title of the Invention)
☐ is attached hereto.	
OR	
was filed on (if application or12/30/2003_	ole): as United States Application Number
and was amended on	(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment specifically referred to above.

I do not know and do not believe that the claimed invention was ever known or used in the United States of America before my invention thereof, or patented or described in any printed publication in any country before my invention thereof or more than one year prior to this application. I do not know and do not believe that the claimed invention was in public use or on sale in the United States of America more than one year prior to this application, nor do I know or believe that the invention has been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months (for a utility patent application) or six months (for a design patent application) prior to this application.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

LEST AVAILABLE COPY

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, or inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

	Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?
ł	10-2003-0032007	Korea	05/20/2003		☐ Yes 🛛 No
					☐ Yes ☐ No
					☐ Yes ☐ No
1					☐ Yes ☐ No
					☐ Yes ☐ No
I he pate app her lifth and actions with under the contractions of	pointment of Practition are by appoint the practition and paterolication and to transacte ewith.  In patent application is patent agents named on to be taken in the least one patent attorney on the patent attorney of the patent a	tioners associated with tagents, with full post all business in the Usassigned, then the usassigned, then the usassigned accept and United States Patent according to between the pater	wer of substitution S. Patent and Tra  Indersigned hereb follow instructions and Trademark Off ht attorneys and persons from whom	and revocation ademark Office of authorizes the from the assign from the assign from the assign at the author agents and instructions ma	to prosecute the connected patent attorneys lee(s) as to any is application by be taken, at
Coi	respondence: ect all correspondence				
Cor Dire	respondence: ect all correspondence : ereby declare that all s tements made on info	to Customer Number (statements made heremation and belief are lift the knowledge the	08791, ein of my own kn e believed to be t at willful false sta	rue; and furthe itements and th	ue and that all r that these ne like so made
Coi Dire he stat stat are	respondence: ect all correspondence sereby declare that all sereby made on information where made were made were statements may jeo	to Customer Number (statements made heremation and belief are lith the knowledge the imprisonment, or both pardize the validity of	08791, ein of my own kn e believed to be t at willful false sta oth, under 18 U.S. of the application	rue; and furthe itements and the C. 1001 and the or any patent i	ue and that all r that these ne like so made at such willful ssued thereon.
Coi Dire he stat stat are	respondence: ect all correspondence : ereby declare that all s tements made on info	to Customer Number (statements made heremation and belief are lith the knowledge the imprisonment, or both pardize the validity of	08791, ein of my own kn e believed to be t at willful false sta oth, under 18 U.S. of the application	rue; and furthe itements and the C. 1001 and the or any patent i	ue and that all r that these ne like so made at such willful ssued thereon.
Cor Dire I he stat stat stat stat stat	respondence: ect all correspondence sereby declare that all sereby made on information where made were made were statements may jeo	to Customer Number (statements made heremation and belief are lith the knowledge the imprisonment, or both pardize the validity of the lith the knowledge the pardize the validity of the lith the knowledge the pardize the validity of the lith the	pein of my own knee believed to be to at willful false state, under 18 U.S. of the application etition has been for Sung-Ik PARK	rue; and furthe atements and the C. 1001 and that or any patent is	ue and that all r that these ne like so made at such willful ssued thereon. ersigned inventor
Cor Dire he stat stat are fals	respondence: ect all correspondence ereby declare that all stements made on information or include the statements were made we punishable by fine or e statements may jeo	etatements made here mation and belief are imprisonment, or be pardize the validity of T INVENTOR:   (First, Middle [if any], If	ein of my own knee believed to be to at willful false state, under 18 U.S. of the application etition has been for Sung-Ik PARK	rue; and furthe atements and the C. 1001 and that or any patent is led for this under the and Suffix (if	ue and that all r that these ne like so made at such willful ssued thereon.
Core I he stat stat are fals NAI	respondence: ect all correspondence ereby declare that all stements made on information or include the statements were made we punishable by fine or e statements may jeo	to Customer Number (statements made heremation and belief are lith the knowledge the imprisonment, or both pardize the validity of the lith the knowledge the pardize the validity of the lith the knowledge the pardize the validity of the lith the	pein of my own knee believed to be to at willful false state, under 18 U.S. of the application etition has been for Sung-Ik PARK	rue; and furthe atements and the C. 1001 and that or any patent is led for this under the and Suffix (if	ue and that all r that these ne like so made at such willful ssued thereon. ersigned inventor
Cor Dire star star star are fals	erespondence: ect all correspondence dereby declare that all stements made on information of the punishable by fine or se statements may jeous ME OF SOLE OR FIRSTANDE:  Name: entor's Signature	statements made heremation and belief are imprisonment, or be pardize the validity of TINVENTOR: Ap	pein of my own knee believed to be to at willful false state, under 18 U.S. of the application etition has been find the sung-lik PARK.  Family Name (or Surnate)	rue; and furthe atements and the C. 1001 and the or any patent is led for this under the ame), and Suffix [if	ue and that all r that these he like so made at such willful ssued thereon. ersigned inventor
Cor Dire star star star are fals	respondence: ect all correspondence de la correspon	statements made heremation and belief are imprisonment, or be pardize the validity of T INVENTOR: A particular of Korea	pein of my own knee believed to be to at willful false state, under 18 U.S. of the application etition has been find the sung-lik PARK.  Family Name (or Surnate)	rue; and furthe atements and the C. 1001 and the or any patent is led for this under the ame), and Suffix [if 4/21/	ue and that all r that these he like so made at such willful ssued thereon. ersigned inventor
Coi Dire I he stat stat are fals NAI	respondence: ect all correspondence ereby declare that all stements made on information in the statements were made with punishable by fine or se statements may jeo ME OF SOLE OR FIRST Name: entor's Signature	statements made heremation and belief are imprisonment, or be pardize the validity of TINVENTOR: Ap	ein of my own knee believed to be to at willful false state, under 18 U.S. of the application etition has been for Sung-Ik PARK Family Name (or Surnate)  Citizen	rue; and furthe atements and the C. 1001 and the or any patent is led for this under the ame), and Suffix [if 4/21/	ue and that all r that these he like so made at such willful ssued thereon. ersigned inventor

NAME OF SECON	ID INVENTOR:	en filed for this	undersigned inventor
Full Name:	Yong	-Tae LEE	
<u> </u>	(First, Middle [if any], Family N		and Suffix [if any])
Inventor's Signatu	ire	Date	3/3/2006
	5	_	- 1 //
Residence Dae	jon, Republic of Korea	Citizenship	Republic of Korea
	(City, State, Country)	_	(Country)
Mailing Address	#203-1307 Mokryun Apt., Dunsan 1-Dor	ıg, Seo-Gu	
Ū	Daejon, 302-771 Republic of Korea		
		<del> </del>	
NAME OF THIRD	·		undersigned inventor
Full Name:		-Won KIM	1.0.00 (10.00)
	(First, Middle [if any], Family N		and Suffix [if any])
Inventor's Signatu	re	_ Date _	
		. 0111	D 11' CV
Residence Dae	jon, Republic of Korea	_ Citizenship	(Country)
8.6 Million A. A. A	(City, State, Country)		(Country)
Mailing Address	#109-1804 Narae Apt., Jeonmin-Dong, Y		
* * *	Daejon, 305-729 Republic of Korea	<u> </u>	<u> </u>
	to the first on the first	. 1일, - 15 도 표	- <del> </del>
•			
NAME OF FOURT	H INVENTOR: <sup>□</sup> □ A petition has be		undersigned inventor
	<del>-</del> •		_
Full Name:		In LEE	
	(First, Middle [if any], Family N	ame (or Surname),	and Suffix [if any])
Inventor's Signatu	re Gov In Cer	Date	6/3/2006
Ŭ	30		
Residence Daej	on, Republic of Korea	Citizenship	Republic of Korea
<del></del>	(City, State, Country)		(Country)
Mailing Address	#401-701 Sunbi Maeul Apt., Songchon-D	ong, Daedeok-Gu	
	Daejon, 306-040 Republic of Korea		
NAME OF FIFTH I	NVENTOR:	en filed for this	undersigned inventor
	_ ,		· ·
Full Name:	Но-М	Iin EUM	
	(First, Middle [if any], Family No	ame (or Surname),	and Suffix [if any])
Inventor's Signatu	re Um h Gran	Date	4/27/20b
2 2 2.3		_	7/
Residence Daej	on, Republic of Korea	Citizenship	Republic of Korea
<u> </u>	(City, State, Country)	<del>-</del>	(Country)
Mailing Address	145-13, Sinseong-Dong, Yuseong-gu		
-	Daejon, 305-345 Republic of Korea		

NAME OF SIXTH	INVENTOR: A petition no	as been filed for this undersigned in	ventor		
Full Name:		Jae-Hyun SEO			
	/	mily Name (or Surname), and Suffix [if any,	_		
Inventor's Signat	ure	Date	<del>20</del> 6		
Residence Dad	ejon, Republic of Korea	Citizenship Republic of Kor	00		
Residence Da	(City, State, Country)		intry)		
Mailing Address	#102-1102, Sinseong-Dong, Yuseon	·	in yy		
Walling Address	Daejon, 305-345 Republic of Korea				
	Duejon, 303 343 Republic of Reserve	•			
	NTH INVENTOR: A petition ha	as been filed for this undersigned inv	rentor		
Full Name:		1 1 0 6 6 6			
		nily Name (or Surname), and Suffix [if any],	,		
Inventor's Signati	ure	Date			
Danidanas		Citizenship	·		
Residence	(City, State, Country)	Citizenship (Cou	m two l		
Mailing Address	(City, State, Country)	,			
Mailing Address			***		
	· <u></u>		<del> </del>		
NAME OF EIGHT	<b>H INVENTOR:</b> □ A petition ha	s been filed for this undersigned inv	entor .		
Full Name:	;				
a '	(First, Middle [if any], Fan	nily Name (or Surname), and Suffix [if any])	-		
Inventor's Signatu	ıre	Date			
Residence		Citizenship(Cour			
Mailing Address	(City , State, Country)	(Cour	itry)		
Maining Address					
NAME OF MINITH	INVENTOR:   A notition be	n hoon filed for this undersigned inv	antar		
NAME OF NINTH	INVENTOR: A petition ha	s been filed for this undersigned inve	SINOI		
Full Name:					
Full Name:	(First Middle (if am) Fam	ily Name (or Surname), and Suffix [if any])			
Inventorie Cianatu		, , , , , , , , , , , , , , , , , , , ,			
Inventor's Signatu	te	Date			
Residence		Citizenship			
TVESIDE IICE	(City, State, Country)	(Coun	trv)		
Mailing Address	(Chy , Deale, Courmy)	(Coun	****		
maning / waress					

Attorney's Docket No.: 51876P455

## **ASSIGNMENT**

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned:

# Sung-Ik PARK; Yong-Tae LEE; Seung-Won KIM; Soo-In LEE; Ho-Min EUM; Jae-Hyun SEO

hereby sell, assign, and transfer to:

#### **Electronics and Telecommunications Research Institute**

a Corporation, having a principal place of business at 161, Gajeong-dong, Yuseong-gu, Daejon, 305-350 Republic of Korea ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions and improvements that are disclosed in the application for the United States patent filed on December 30, 2003, and assigned Application No. 10/750,029 and is entitled:

# ON-CHANNEL REPEATING APPARATUS AND METHOD FOR TERRESTRIAL DIGITAL TELEVISION BROADCASTING SERVICE

and in and to said application and all provisional, design, utility, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said inventions and improvements; and in and to all rights of priority from the filing of said United States applications;

agree that said Assignee may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional, design, utility, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications on any and all said inventions and improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or legal representatives in securing and maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and



covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign and Date Below:		
4/27/2006	Sung Ila Park.	
Date	Name: Sung-Ik PARK	
5/3/2006 Date	Name Yong-Tae LEE	
Dut		
Date  5/3/>	Name: Seung-Won KIM	
Date	Name: Soo-In LEE	
4/27/2006	Norm Em	
Date	Name: Ho-Min EUM	
5/2/2006	mo	
Date	Name: Jae-Hyun SEO	
Date	Name:	•
i		
Date	Name:	

Name:

Assignment Document Return Address:
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
12400 Wilshire Boulevard, 7th Floor
Los Angeles, CA 90025
Telephone: (310) 207-3800

Date

OIPE	<u> </u>
AUG 1 8 2006	AP85
THE THE MARK C	<u>,</u>

### DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION (37 CFR 1.63)

Declaration Submitted with Initial Filing

OR

Declaration
Submitted after Initial
Filing (surcharge
(37 CFR 1.16(e))
required)

Attorney Docket Number 51876P455				
First Named Inventor Sung-Ik PARK				
COMPLETE IF KNOWN				
Application Number	10/750,029			
Filing Date	December 30, 2003			
Art Unit				
Examiner Name				

#### As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below, next to my name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TELEVISION BROADCASTING SERVI	CE
the specification of which  is attached hereto.	
OR	
was filed on (if applicable):  or 12/30/2003 as United States Application Number as PCT International Application Number	r <u>10/750,029</u> ımber
and was amended on	(if applicable)

ON-CHANNEL REPEATING APPARATUS AND METHOD FOR TERRESTRIAL DIGITAL

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment specifically referred to above.

I do not know and do not believe that the claimed invention was ever known or used in the United States of America before my invention thereof, or patented or described in any printed publication in any country before my invention thereof or more than one year prior to this application. I do not know and do not believe that the claimed invention was in public use or on sale in the United States of America more than one year prior to this application, nor do I know or believe that the invention has been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months (for a utility patent application) or six months (for a design patent application) prior to this application.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, or inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

-Prior Foreign Application(	<u>(s</u>	)
-----------------------------	-----------	---

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?
10-2003-0032007	Korea	05/20/2003		☐ Yes 🗷 No
				☐ Yes ☐ No
		<b>j</b>		☐ Yes ☐ No
				☐ Yes ☐ No
				☐ Yes ☐ No

#### Appointment of Practitioners:

I hereby appoint the practitioners associated with Customer Number: <u>08791</u> as my respective patent attorneys and patent agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected herewith.

If this patent application is assigned, then the undersigned hereby authorizes the patent attorneys and patent agents named herein to accept and follow instructions from the assignee(s) as to any action to be taken in the United States Patent and Trademark Office regarding this application without direct communication between the patent attorneys and patent agents and the undersigned. In the event of a change in the persons from whom instructions may be taken, at least one patent attorney or patent agent named herein will be so notified by the undersigned.

#### Correspondence:

Direct all correspondence to Customer Number **08791**,

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF COLUMN SIDE INVENTOR. The continue has been filed for this and decisioned inventors of

NAME OF SOLE	OR FIRST INVENTOR: LA petition n	as been filed for this undersigned inventor		
Full Name:		Sung-Ik PARK		
<u></u>	(First, Middle [if any], Family Na	me (or Surname), and Suffix [if any])		
Inventor's Signat	ure	Date		
Residence Da	ejon, Republic of Korea	Citizenship Republic of Korea		
	(City, State, Country)	(Country)		
Mailing Address	146-14 Sinseong-Dong, Yuseong-Gu			
	Daejon, 305-804 Republic of Korea			

NAME OF SECO	ND INVENTOR: A petition has be	en filed for this undersigned inventor	
Full Name:	Yong-Tae LEE		
	(First, Middle [if any], Family N	ame (or Surname), and Sufftx [if any])	
Inventor's Signat	ure	Date	
Residence Da	ojon, Republic of Korea	Citizenship Republic of Kores	
	(City, State, Country)	(Country)	
Mailing Address	#203-1307 Mokryun Apt., Dunsan 1-Don	g, Seo-Gu	
	Daejon, 302-771 Republic of Korea		
NAME OF THIRD	·	en filed for this undersigned inventor	
Full Name:	(First, Middle (if any), Family N	Won KIM ame (or Surname), and Suffix (if any))	
Inventor's Signati	Ann	Date May 02 2006	
William Congress			
Residence Dec	ojon, Republic of Kores	Citizenship Republic of Korea	
	(City, State, Country)	(Country)	
Mailing Address	#109-1804 Narae Apt., Jeonmin-Dong, Yu	iscong-Gu	
	Daejon, 305-729 Republic of Korea		
NAME OF FOURT	TH INVENTOR: A petition has been seen seen seen seen seen seen see	In T.RE	
		ome (or Surname), and Suffix (if any))	
Inventor's Signati	1.Le	Date	
Residence Dad	ijon, Republic of Korea	Citizenship Republic of Korea	
Nesidende Da	(City, State, Country)	(Country)	
Mailing Address	#401-701 Sunbi Macul Apt., Songchon-D	ong, Daedook-Gu	
	Daejon, 306-040 Republic of Korea		
NAME OF FIFTH		en filed for this undersigned inventor	
		ame (or Surname), and Suffix [(f any))	
Inventor's Signati		Date	
Residence Dad	jon, Republic of Korea	Citizenship Republic of Korea	
	(City, State, Country)	(Country)	
Mailing Address	145-13, Sinscong-Dong, Yuscong-gu		
	Dacjon, 305-345 Republic of Korea		

Docket No. 51876P455

NAME OF SIXTH INVENTOR:   A petition has been	n filed for this undersigned inventor		
Full Name: Jae-Hy	Jae-Hyun SEO		
(First, Middle [if any], Family Nan Inventor's Signature	ne (or Surname), and Suffix [if any])  Date		
Residence Daejon, Republic of Korea	Citizenship Republic of Korea		
(City, State, Country)  Mailing Address #102-1102, Sinseong-Dong, Yuseong-gu Daejon, 305-345 Republic of Korea	(Country)		
NAME OF SEVENTH INVENTOR: ☐ A petition has been	n filed for this undersigned inventor		
Full Name:	ne (or Surname), and Suffix [if any])		
Inventor's Signature	Date		
Residence	Citizenship(Country)		
(City , State, Country)  Mailing Address	, , , , , , , , , , , , , , , , , , , ,		
Full Name:	filed for this undersigned inventor		
(First, Middle [if any], Family Nam	ne (or Surname), and Suffix [if any])  Date		
Residence	Citizenship		
(City , State, Country)  Mailing Address	(Country)		
NAME OF NINTH INVENTOR:	filed for this undersigned inventor		
Full Name: (First, Middle [if any], Family Name	(or Summer) and Suffer (if our l)		
Inventor's Signature	Date		
Residence	Citizenship (Country)		
(City , State, Country)  Mailing Address	(Country)		

Attorney's Docket No.: 51876P455

## **ASSIGNMENT**

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned:

Sung-Ik PARK; Yong-Tae LEE; Seung-Won KIM; Soo-In LEE; Ho-Min EUM; Jae-Hyun SEO

hereby sell, assign, and transfer to:

#### Electronics and Telecommunications Research Institute

a Corporation, having a principal place of business at 161, Gajeong-dong, Yuseong-gu, Daejon, 305-350 Republic of Korea ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions and improvements that are disclosed in the application for the United States patent filed on December 30, 2003, and assigned Application No. 10/750,029 and is entitled:

## ON-CHANNEL REPEATING APPARATUS AND METHOD FOR TERRESTRIAL DIGITAL TELEVISION BROADCASTING SERVICE

and in and to said application and all provisional, design, utility, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said inventions and improvements; and in and to all rights of priority from the filing of said United States applications;

agree that said Assignee may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional, design, utility, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications on any and all said inventions and improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or legal representatives in securing and maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

51876P455 Page 1 of 2

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

#### Each Inventor: Please Size and Date Bolow:

Date	Name: Sung-Ik PARK
Date	Name: Yong-Tac LEE
May 02 200	6 Am
May 02,2000	Name: Scung-Won KIM
Date	Name: Soo-In LEE
Date	Name: Ho-Min EUM
Date	Name: Jae-Hyun SEO
Date	Name:
Date	Name;

Assignment Document Return Address:
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP 12400 Wilshire Boulevard, 7th Floor Los Angeles, CA 90025 Telephone: (310) 207-3800

51876P455

Page 2 of 2